EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	((billing or bill) near10 generat$3 or creat$3 or presen$3) and (billers near15 behlaf) and (objects near10 (invok$3 and gnerat$3))	US-PGPUB; USPAT	OR	ON	2007/03/12 11:28
L2	2985569	((billing or bill) near10 generat$3 or creat$3 or presen$3)	US-PGPUB; USPAT	OR	ON	2007/03/12 11:25
L6	7	((billing or bill) near10 generat$3 or creat$3 or presen$3) and (billers near15 behalf) and (objects near10 (invok$3 and generat$3))	US-PGPUB; USPAT	OR	ON	2007/03/12 11:37
L7	1	"6606744".pn.	US-PGPUB; USPAT	OR	ON	2007/03/12 11:31
L8	0	"6606744".pn. and (((billing or bill) near10 generat$3 or creat$3 or presen$3) same (billers near15 behalf) same (objects near10 (invok$3 and generat$3)))	US-PGPUB; USPAT	OR	ON	2007/03/12 11:32
L9	0	I7 and (((billing or bill) near10 generat$3 or creat$3 or presen$3) same (billers near15 behalf) same (objects near10 (invok$3 and generat$3)))	US-PGPUB; USPAT	OR	ON	2007/03/12 11:32
L10	0	I7 and (((billing or bill) near10 generat$3 or creat$3 or presen$3) same (billers near15 behalf) and (objects near10 (invok$3 and generat$3)))	US-PGPUB; USPAT	OR	ON	2007/03/12 11:33
L11	0	I7 and (((billing or bill) near10 generat$3 or creat$3 or presen$3) same (objects near10 (invok$3 and generat$3)))	US-PGPUB; USPAT	OR	ON	2007/03/12 11:33
L12	1	I7 and (object same billing)	US-PGPUB; USPAT	OR	ON	2007/03/12 11:35
L13	0	I7 and (object same billing) same invok$3	US-PGPUB; USPAT	OR	ON	2007/03/12 11:36
L14	0	I7 and (object same bill$3 same invok$3)	US-PGPUB; USPAT	OR	ON	2007/03/12 11:36
L15	1	I7 and (object same billing same generat$3)	US-PGPUB; USPAT	OR	ON	2007/03/12 11:36
L16	7	I6 AND (object same billing same generat$3)	US-PGPUB; USPAT	OR	ON	2007/03/12 11:38
L17	1	"20060178918".PN. AND (object same billing same generat$3)	US-PGPUB; USPAT	OR	ON	2007/03/12 11:49
L18	0	OOP SAME (object same billing same generat$3)	US-PGPUB; USPAT	OR	ON	2007/03/12 11:49
L19	8	(OBJECT NEAR2 PROGRAM$3) SAME (object same billing same generat$3)	US-PGPUB; USPAT	OR	ON	2007/03/12 11:50

EAST Search History

L20	66	(OBJECT NEAR2 PROGRAM$3) SAME (object same billing)	US-PGPUB; USPAT	OR	ON	2007/03/12 11:51
L21	58	L20 NOT L19	US-PGPUB; USPAT	OR	ON	2007/03/12 11:52
L22	9	L21 AND (OBJECT NEAR2 ORIENTED NEAR2 PROGRAMMING)	US-PGPUB; USPAT	OR	ON	2007/03/12 12:17
L23	323	(Billing same objects) AND (OBJECT NEAR2 ORIENTED NEAR2 PROGRAMMING)	US-PGPUB; USPAT	OR	ON	2007/03/12 12:17
L24	29	(Billing same objects) same (OBJECT NEAR2 ORIENTED NEAR2 PROGRAMMING)	US-PGPUB; USPAT	OR	ON	2007/03/12 12:21
L25	24	l24 not 22	US-PGPUB; USPAT	OR	ON	2007/03/12 12:18
L26	22	l25 not l19	US-PGPUB; USPAT	OR	ON	2007/03/12 12:18
L27	22	l26 not l16	US-PGPUB; USPAT	OR	ON	2007/03/12 12:18
L28	2888	(Billing same objects)	US-PGPUB; USPAT	OR	ON	2007/03/12 12:21
L29	114	(Billing same objects) same ((generat$3 or creat$3) near10 content)	US-PGPUB; USPAT	OR	ON	2007/03/12 12:22
L30	2	(Billing same objects) same ((generat$3 or creat$3) near10 content) same invok$3	US-PGPUB; USPAT	OR	ON	2007/03/12 12:23
L31	49	(Billing same objects) same ((generat$3 or creat$3) near10 content) and (invok$3 near10 object)	US-PGPUB; USPAT	OR	ON	2007/03/12 12:26
L32	65	l29 not l31	US-PGPUB; USPAT	OR	ON	2007/03/12 12:26

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	((billing or bill) near10 generat$3 or creat$3 or presen$3) and (billers near15 behlaf) and (objects near10 (invok$3 and gnerat$3))	US-PGPUB; USPAT	OR	ON	2007/03/12 11:28
L2	2985569	((billing or bill) near10 generat$3 or creat$3 or presen$3)	US-PGPUB; USPAT	OR	ON	2007/03/12 11:25
L6	7	((billing or bill) near10 generat$3 or creat$3 or presen$3) and (billers near15 behalf) and (objects near10 (invok$3 and generat$3))	US-PGPUB; USPAT	OR	ON	2007/03/12 11:37
L7	1	"6606744".pn.	US-PGPUB; USPAT	OR	ON	2007/03/12 11:31
L8	0	"6606744".pn. and (((billing or bill) near10 generat$3 or creat$3 or presen$3) same (billers near15 behalf) same (objects near10 (invok$3 and generat$3)))	US-PGPUB; USPAT	OR	ON	2007/03/12 11:32
L9	0	l7 and (((billing or bill) near10 generat$3 or creat$3 or presen$3) same (billers near15 behalf) same (objects near10 (invok$3 and generat$3)))	US-PGPUB; USPAT	OR	ON	2007/03/12 11:32
L10	0	l7 and (((billing or bill) near10 generat$3 or creat$3 or presen$3) same (billers near15 behalf) and (objects near10 (invok$3 and generat$3)))	US-PGPUB; USPAT	OR	ON	2007/03/12 11:33
L11	0	l7 and (((billing or bill) near10 generat$3 or creat$3 or presen$3) same (objects near10 (invok$3 and generat$3)))	US-PGPUB; USPAT	OR	ON	2007/03/12 11:33
L12	1	l7 and (object same billing)	US-PGPUB; USPAT	OR	ON	2007/03/12 11:35
L13	0	l7 and (object same billing) same invok$3	US-PGPUB; USPAT	OR	ON	2007/03/12 11:36
L14	0	l7 and (object same bill$3 same invok$3)	US-PGPUB; USPAT	OR	ON	2007/03/12 11:36
L15	1	l7 and (object same billing same generat$3)	US-PGPUB; USPAT	OR	ON	2007/03/12 11:36
L16	7	l6 AND (object same billing same generat$3)	US-PGPUB; USPAT	OR	ON	2007/03/12 11:38
L17	1	"20060178918".PN. AND (object same billing same generat$3)	US-PGPUB; USPAT	OR	ON	2007/03/12 11:49
L18	0	OOP SAME (object same billing same generat$3)	US-PGPUB; USPAT	OR	ON	2007/03/12 11:49
L19	8	(OBJECT NEAR2 PROGRAM$3) SAME (object same billing same generat$3)	US-PGPUB; USPAT	OR	ON	2007/03/12 11:50

EAST Search History

L20	66	(OBJECT NEAR2 PROGRAM$3) SAME (object same billing)	US-PGPUB; USPAT	OR	ON	2007/03/12 11:51
L21	58	L20 NOT L19	US-PGPUB; USPAT	OR	ON	2007/03/12 11:52
L22	9	L21 AND (OBJECT NEAR2 ORIENTED NEAR2 PROGRAMMING)	US-PGPUB; USPAT	OR	ON	2007/03/12 12:17
L23	323	(Billing same objects) AND (OBJECT NEAR2 ORIENTED NEAR2 PROGRAMMING)	US-PGPUB; USPAT	OR	ON	2007/03/12 12:17
L24	29	(Billing same objects) same (OBJECT NEAR2 ORIENTED NEAR2 PROGRAMMING)	US-PGPUB; USPAT	OR	ON	2007/03/12 12:21
L25	24	l24 not 22	US-PGPUB; USPAT	OR	ON	2007/03/12 12:18
L26	22	l25 not l19	US-PGPUB; USPAT	OR	ON	2007/03/12 12:18
L27	22	l26 not l16	US-PGPUB; USPAT	OR	ON	2007/03/12 12:18
L28	2888	(Billing same objects)	US-PGPUB; USPAT	OR	ON	2007/03/12 12:21
L29	114	(Billing same objects) same ((generat$3 or creat$3) near10 content)	US-PGPUB; USPAT	OR	ON	2007/03/12 12:22
L30	2	(Billing same objects) same ((generat$3 or creat$3) near10 content) same invok$3	US-PGPUB; USPAT	OR	ON	2007/03/12 12:23
L31	49	(Billing same objects) same ((generat$3 or creat$3) near10 content) and (invok$3 near10 object)	US-PGPUB; USPAT	OR	ON	2007/03/12 12:26
L32	65	l29 not l31	US-PGPUB; USPAT	OR	ON	2007/03/12 12:26
L33	28	("6493685").URPN.	USPAT	OR	ON	2007/03/12 12:31
L34	28	("6493685").URPN.	USPAT	OR	ON	2007/03/12 12:31
L35	1	"7117172".pn. and (billing same object)	US-PGPUB; USPAT	OR	ON	2007/03/12 12:38
L36	1	"7117172".pn. and (billing same object) and objects	US-PGPUB; USPAT	OR	ON	2007/03/12 12:39
L37	1	l35 and objects	US-PGPUB; USPAT	OR	ON	2007/03/12 12:41
L38	335	(custom$5 near10 bill) same content	US-PGPUB; USPAT	OR	ON	2007/03/12 12:42
L39	5	(custom$5 near10 bill) same content same object	US-PGPUB; USPAT	OR	ON	2007/03/12 12:42

L40	19	("5383113" | "5465206" | "5483445" | "5677955" | "5699528" | "5790793" | "5809242" | "5832460" | "5873072" | "5884288" | "5920847" | "5956700" | "5963925" | "6044362" | "6049786" | "6070150" | "6157924" | "6304857" | "6327577").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 12:44
L41	19	("5383113" | "5465206" | "5483445" | "5677955" | "5699528" | "5790793" | "5809242" | "5832460" | "5873072" | "5884288" | "5920847" | "5956700" | "5963925" | "6044362" | "6049786" | "6070150" | "6157924" | "6304857" | "6327577").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/12 12:44

ProQuest

| Basic | Advanced | Topics | Publications | My Research 0 marked items |

Interface language:
English ▼

Databases selected: Multiple databases...

Results – powered by ProQuest® Smart Search

Suggested Topics About   < Previous | Next >

Object oriented programming

Object oriented programming AND Microsoft Corp (company/org)

Object oriented programming AND Systems development

Object oriented programming AND Software packages

Browse Suggested Publications   < Previous | Next >
About

Computerworld; Framingham

InfoWorld; San Mateo

Inside Microsoft Visual Basic; Rochester

Information and Software Technology; Amsterdam

23 documents found for: *("Object Oriented Programming" and objects and Billing) AND PDN(<1/21/2000)*

» **Refine Search | Set Up Alert** ⊠

All sources   Magazines   Trade Publications

☐ Mark all   📂 0 marked items: Email / Cite / . Export   📄 Show only full text   Sort results by: Most recent first ▼

☐ 1. **Wrapping COBOL business logic in Java**
Andy Barhart. **Software Development.** San Francisco: Oct 1999. Vol. 7, Iss. 10; p. 41 (5 pages)
📖 Abstract

☐ 2. **Hedging your bet**
Susan Culler. **Telephony.** Chicago: Jun 15, 1998. Vol. 234, Iss. 24; p. 26 (3 pages)
📖 Text+Graphics   📄 Full Text - PDF   📖 Abstract

☐ 3. **Borland ships new Delphi, acquires Visigenic**
Dennis Callaghan. **Midrange Systems.** Spring House: Jan 19, 1998. Vol. 11, Iss. 1; p. 26 (2 pages)
📖 Abstract

☐ 4. **Java kit gets better security**
Sharon Gaudin. **Computerworld.** Framingham: Jan 12, 1998. Vol. 32, Iss. 2; p. 41 (2 pages)
📄 Full text   📄 Full Text - PDF   📖 Abstract

☐ 5. **W.R. Berkley plans object-oriented future**
Steven Marlin. **Insurance & Technology.** New York: Dec 1997. Vol. 22, Iss. 12; p. 20 (1 page)
📖 Text+Graphics   📄 Full Text - PDF   📖 Abstract

☐ 6. **AMS has objects of BellSouth's desire**
Darryl K Taft. **Computer Reseller News.** Jun 9, 1997. p. 127 (1 page)
📄 Full text   📄 Full Text - PDF   📖 Abstract

☐ 7. **A peaceful coexistence**
Barry Wetmore. **Telephony.** Chicago: Jun 9, 1997. Vol. 232, Iss. 23; p. 26 (4 pages)
📖 Text+Graphics   📄 Full Text - PDF   📖 Abstract

☐ 8. **Visual SourceSafe Web-enhanced**

Trott, Bob. **InfoWorld.** San Mateo: Oct 14, 1996. Vol. 18, Iss. 42; p. 10 (1 page)

📄 Text+Graphics   📄 Full Text - PDF   📖 Abstract

9. **Objects are pipeline to gas competition**
Hoffman, Thomas. **Computerworld.** Framingham: Oct 7, 1996. Vol. 30, Iss. 41; p. 79 (2 pages)

📄 Full text   📄 Full Text - PDF   📖 Abstract

10. **BPCS steps into new millennium**
Rosen, Michele. **Midrange Systems.** Spring House: May 10, 1996. Vol. 9, Iss. 7; p. 1 (2 pages)

📖 Abstract

11. **Silicon Continent**
Edmondson, Gail, Johnston, Marsha, Gross, Neil, Browder, Seanna, Rebello, Kathy. **Business Week.**
New York: May 6, 1996. p. 131 (6 pages)

📄 Full text   📖 Abstract

12. **BellSouth breathes new life into old billing system**
Hoffman, Thomas. **Computerworld.** Framingham: Mar 4, 1996. Vol. 30, Iss. 10; p. 70 (1 page)

📄 Full text   📄 Full Text - PDF   📖 Abstract

13. **NeXT environment suits carriers to a T**
Bucholtz, Chris. **Telephony.** Chicago: Feb 5, 1996. Vol. 230, Iss. 6; p. 18 (1 page)

📄 Full text   📄 Full Text - PDF   📖 Abstract

14. **Object databases come calling**
Bull, Katherine. **InformationWeek.** Manhasset: Dec 4, 1995. p. 102 (1 page)

📖 Abstract

15. **Objects of frustration**
Girishankar, Saroja. **CommunicationsWeek.** Jun 5, 1995. p. 43 (2 pages)

📖 Abstract

16. **BellSouth opens doors on bleeding-edge technology**
King, Julia. **Computerworld.** Framingham: May 22, 1995. Vol. 29, Iss. 21; p. 4 (1 page)

📄 Full text   📄 Full Text - PDF   📖 Abstract

17. **CP Express downsizes computer systems, turns to object-oriented for the future**
Kerr, Monta. **Computing Canada.** Willowdale: Mar 1, 1995. Vol. 21, Iss. 5; p. 1 (2 pages)

📄 Full text   📖 Abstract

18. **GE flying with OOT**
Lynett, Steve. **Computing Canada.** Willowdale: Dec 7, 1994. Vol. 20, Iss. 25; p. 46 (1 page)

📄 Full text   📖 Abstract

19. **Users give nod to likely OMG outcome**
Ballou, Melinda-Carol. **Computerworld.** Framingham: Nov 21, 1994. Vol. 28, Iss. 47; p. 73 (1 page)

📄 Full text   📄 Full Text - PDF   📖 Abstract

20. **Integrating host data in C/S apps**
Cox, John. **CommunicationsWeek.** Oct 17, 1994. p. 17 (2 pages)

📖 Abstract

☐ 21. **Communications system supports network automation**
         Paula, Greg. **Electrical World.** New York: Jul 1993. Vol. 207, Iss. 7; p. 46 (2 pages)
                                                                    ▭ Abstract

☐ 22. **Telco Division Charts a Distributed Course**
         Eckerson, Wayne. **Network World.** Framingham: Oct 19, 1992. Vol. 9, Iss. 42; p. 27 (2 pages)
                 📄 Full text   📄 Full Text - PDF   ▭ Abstract

☐ 23. **Billing Systems: The Next Generation**
         Burgess, Alan A.. **Telephony.** Chicago: Sep 4, 1989. Vol. 217, Iss. 11; p. 28 (4 pages)
                 📄 Full Text - PDF   ▭ Abstract

1-23 of 23

Want to be notified of new results for this search? Set Up Alert ✉   Results per page: 30 ▼

Did you find what you're looking for? If not, **refine your search** below or try these
suggestions.

Suggested Topics About   < Previous | Next >   **Browse Suggested Publications**   < Previous |
                                                             About   Next >
Object oriented programming
Object oriented programming AND Microsoft Corp   Computerworld; Framingham
(company/org)   InfoWorld; San Mateo
Object oriented programming AND Systems   Inside Microsoft Visual Basic; Rochester
development   Information and Software Technology; Amsterdam
Object oriented programming AND Software packages

Basic Search   Tools: Search Tips   Browse Topics   2 Recent Searches

| "Object Oriented Programming" and objects and Billing | Search | Clear |

Database: | Multiple databases...   ▼| Select multiple databases

Date range: | Before this date...   ▼| |01/21/2000 | About

Limit results to: ☐ Full text documents only 📄

                   ☐ Scholarly journals, including peer-reviewed 🎓 About

More Search Options

ProQuest

Basic	Advanced	Topics	Publications	My Research 0 marked items

Interface language:
English ▼

Databases selected: Multiple databases...

Document View   « Back to Results   < Previous Document 5 of 23 Next >   Publisher Information

[Print] [Email]   ☐ Mark Document   ▣ Abstract , 📄 Full Text , 📑 Text+Graphics , 🔲 Full Text - PDF

W.R. Berkley plans object-oriented future

Steven Marlin. **Insurance & Technology**. New York: Dec 1997.Vol.22, Iss. 12; pg. 20, 1 pgs

» **Jump to full text** 📄

» Translate document into: Select language ▼

» **More Like This** - Find similar documents

Subjects:	Insurance agencies, Case studies, Information management, Client server computing, **Object oriented programming**, **Billings**
Classification Codes	9190 US, 8220 Property casualty insurance, 9110 Company specific/case studies, 5240 Software & systems
Locations:	US
Companies:	W R Berkley Corp
Author(s):	Steven Marlin
Publication title:	Insurance & Technology. New York: Dec 1997. Vol. 22, Iss. 12; pg. 20, 1 pgs
Source type:	Periodical
ISSN:	10540733
ProQuest document ID:	25272450
Text Word Count	653
Document URL:	http://proquest.umi.com/pqdweb? did=25272450&sid=1&Fmt=7&clientId=19649&RQT=309&VName=PQD

Abstract (Document Summary)

W.R. Berkley Corp. is currently working a on new **billing** system, scheduled for rollout in early 1998, that uses the ⊙Delphi **object**-oriented client/server suite from Borland International. The new system - which will include direct **billing**, agency **billing**, electronic funds transfer and credit card payments - is the culmination of a 2 1/2 year effort to replace the company's COBOL-based **billing** system.

Full Text (653   words)

[Headnote]
The specialty insurer built a billing system using object tools from Borland International, reports Steven Marlin.

Technology is helping WR. Berkley Corp. (Greenwich, CT) stake out a position for itself in the property/casualty arena. Made up of more than three dozen operating subsidiaries with total 1996 revenues of $1.2 billion-the company has expanded beyond its core property/casualty business to become a player in the reinsurance and specialty markets as well.

Recognizing that technology can provide a competitive edge, the company a number of years ago developed A+PLUS, a fully-automated solution for its regional property/casualty operating units. The company now seeks to replicate that success with a new billing system, scheduled for rollout in early 1998, built using the ⊙Delphi object-oriented client/server suite from Borland International. And despite some early reservations about the viability of the Scotts Valley, CA, software company, Berkley's technology managers feel that their choice has been vindicated.

"We were a little nervous because of Borland," says Hank Berkley, director of information systems. When WR. Berkley was evaluating ⓘDelphi in early 1995, Borland was in turmoil, having endured $225 million in losses over the previous three years and the departure of its founder, Philippe Kahn. Nevertheless, "we decided that the quality of the ⓘDelphi product was such that even if Borland didn't survive, the product would," Berkley says. The latest version of ⓘDelphi (Version 3.0) has made ⓘDelphi a superior choice to other object-based tools such as Visual Basic and Powerbuilder, says Tony Houseman, team leader on the billing system project. For example, the system's programming "wizards," which simplify development of Active X and COM objects, make it "easier to create a business object that can tie into a client/server application on a workstation or an Internet application."
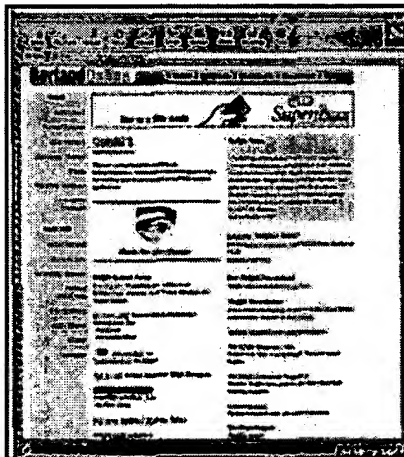
The billing system is the major focus of attention right now at Berkley Information Services (BIS), the company's 108-person information technology subsidiary in Luverne, MN. With 12 dedicated developers, the system-which will include direct billing, agency billing, electronic funds transfer and credit card payments-is the culmination of a two-and-ahalf year effort to replace the company's COBOL-based billing system. Although BIS had considered Powerbuilder for client/server development, it was impressed with both the speed and objectoriented nature of ⓘDelphi.

"One of the things that impressed us about ⓘDelphi was how fast.it actually performed," says Jack Bennett, vice president and systems architect at BIS. "Another was its object-oriented base of programming, which we wanted to get into. We were banking that once we built products, our maintenance would be a lot quicker."

ⓘDelphi enables rapid application development (RAD), but this can be a mixed blessing, Bennett says. "You have to be careful in ⓘDelphi. Because it's so easy to write applications, you can break a lot of the object methodology."

Building applications without a methodology is like flying an airplane without knowing how to navigate, says Tom Jasick, president of BIS. "There's training to use ⓘDelphi, but you also need training to understand how you're going to build multi-tier applications, and whether they're thick or thin." To address this matter, Berkley is using the Enterprise Select development methodology from Select Software Tools (Irvine, CA).

Adherence to a strict object-oriented methodology-even at the cost of initial development time-will yield dividends later, says Bennett. "We've always known you could take ⓘDelphi and put together a two-tiered application in an afternoon. But is it reusable? If you don't build the pieces correctly in your first application, you're going to have to build them all over again on the next one."

Enlarge 200%
Enlarge 400%

Berkley chose Borland's ⓘDelphi over Visual Basic and Powerbuilder.

[Sidebar]
SOLUTION: OBJECT-ORIENTED DEVELOPMENT

[Sidebar]
COMPANY NAME:
W.R. Berkley Corp., Greenwich, CT, 1996 revenues of $1.2 billion.
LINES OF BUSINESS:
Specialty lines, reinsurance. VENDOR/TECHNOLOGY:
Borland International's (Scotts Valley, CA) ⓘDelphi Version 3.0, an object-oriented client/server development system.

THE CHALLENGE:
Replace a COBOL-based billing system with a multi-tier client/server version that incorporates object technology for faster development, reusability and easier maintenance.

More Like This - Find similar documents

Subjects:	☐ Insurance agencies ☐ Case studies ☐ Information management ☐ Client server computing ☐ **Object oriented programming** ☐ **Billings**
Classification Codes	☐ 9190 US ☐ 8220 Property casualty insurance ☐ 9110 Company specific/case studies ☐ 5240 Software & systems
Locations:	☐ US
Companies:	☐ W R Berkley Corp
Author(s):	☐ Steven Marlin
Language:	☐ English
Publication title:	☐ Insurance & Technology

[Search] [Clear]